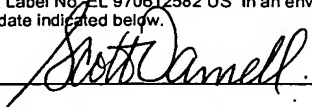| Form PTO-1390	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	**21108.0025U2**
	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) **10/533976**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US03/035645	**7 November 2003**	**7 November 2002**

TITLE OF INVENTION:

RECOMBINASE MEDIATED TRANSCRIPTION

APPLICANT(S) FOR DO/EO/US:

STREB, Jeffrey W. and MIANO, Joseph M.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

    a. ☐ is attached hereto (required only if not communicated by the International Bureau).

    b. ☐ has been communicated by the International Bureau.

    c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))

    a. ☐ is attached hereto.

    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

    a. ☐ are attached hereto (required only if not communicated by the International Bureau).

    b. ☐ have been communicated by the International Bureau.

    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☒ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☐ A FIRST preliminary amendment.

14. ☐ A SECOND or SUBSEQUENT preliminary amendment.

15. ☐ A substitute specification.

16. ☐ A change of power of attorney and/or address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. The contents of the paper copy and the computer-readable form of the Sequence Listing submitted herewith are the same and include no new matter, as required by 37 C.F.R. 1.821(f).

18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. Other items or information:

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as Express Mail, Label No. EL 970612582 US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Scott Darnell   S-5-05

                                            Date

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/US03/035645	ATTORNEY DOCKET NUMBER 21108.0025U2	

10/533976

The following fees have been submitted	CALCULATIONS	PTO USE ONLY
21. ☒ Basic national fee $300.00	$ 300.00	
22. ☒ Examination fee If IPER prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ....$100.00 All other situations $200.00	$ 200.00	
23. ☒ Search Fee If Search fee (37 CFR 1.445(a)(2) in International Application to USPTO as ISA............ ....$100.00 ISR prepared and provided to USPTO..$400.00 All other situations $500.00	$ 100.00	
TOTAL OF 21, 22 AND 23 =	$ 600.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.					

Total Sheets	Extra Sheets	No. of each additional 50 or fraction thereof (round up to a whole number)	RATE		
79 - 100	0 / 50 =	0	X $250	$ 0.00	

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	$ 130.00	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	34 – 20 =	14	X $50.00	$700.00	
Independent claims	4– 3 =	1	X $200.00	$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ $360.00		$0.00	
		TOTAL OF ABOVE CALCULATIONS =		$1630.00	
☒ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½ –				$815.00	
			SUBTOTAL =	$815.00	

Processing fee of **$130.00** for furnishing the English translation later than ☐ 20 months ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +	$0.00	
TOTAL NATIONAL FEE =	$815.00	

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) **$40.00** per property +	$0.00	
TOTAL FEES ENCLOSED =	$815.00	

	Amount to be refunded:	$
	charged:	$

a. ☐   A check in the amount of $_____ to cover the above fees is enclosed.

b. ☐   Please charge my Deposit Account No.14-0629 in the amount of $_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒   The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0629. A duplicate copy of this sheet is enclosed.

d. ☒   Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

e. ☒   Pursuant to 37 C.F.R. §1.136(a)(3), the Commissioner is hereby requested and authorized to treat any concurrent or future reply in the above-identified application, requiring a petition for an extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b) must be filed and granted to restore the application to pending status.

SEND ALL TO THE ADDRESS ASSOCIATED WITH: : Customer No. 23859	SIGNATURE David E. Huizenga NAME 49,026 REGISTRATION NUMBER

21108.0025U1.doc